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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/397,325	09/16/1999	GENE W. ARANT		8607

7590

09/17/2003

GENE W ARANT  
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LINCOLN CITY, OR 97367

EXAMINER

PAULA, CESAR B

ART UNIT	PAPER NUMBER
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2178

DATE MAILED: 09/17/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/397,325

Applicant(s)

ARANT, GENE W.

Examiner

CESAR B PAULA

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 13 June 2003.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 6-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 6-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)                      4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)                      5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_                      6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

1. This action is responsive to the amendment filed on 6/13/2003.

**This action is made Final.**

2. In the amendment, claims 1-5 have been canceled. Claims 6-16 have been added. Claims 6-16 are pending in the case. Claim 6 is an independent claim.

### ***Oath/Declaration***

3. It does not state that the person making the oath or declaration has reviewed and understands the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration.

4. It does not identify the citizenship of each inventor.

5. It does not identify the city and either state or foreign country of residence of each inventor. The residence information may be provided on either on an application data sheet or supplemental oath or declaration.

### ***Claim Rejections - 35 USC § 103***

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are

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such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 6-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Durrani et al, hereinafter Durrani (Pat. # 6,011,542, 1/4/2000, filed on 2/13/1998), in view of Wordperfect 6.1, word insert screendumps, hereinafter Wordperfect (1996).

Regarding independent claim 6, Durrani discloses the entering a sequence of textual characters—*alphanumeric characters*-- on a graphical screen (col. 1, line 52-col2, line 52, fig.3).

Moreover, Durrani discloses the selection, and displaying of the sequence of textual characters into a bordered section of the screen—*transfer location*-- (col. 3, line 36-67, fig.3).

Moreover, Durrani discloses the selection, and moving, and displaying of the characters into the border section of the screen as the user selects the characters using a graphical wheel (col. 3, line 36-67, fig.3). The characters are displayed in the screen as long as the user is entering the text—*selected dwell time*.

Moreover, Durrani discloses the copying, and displaying of the characters from the text wheel into the border section during their respective entry period—*respective dwell times*.

Moreover, Durrani discloses the selection, and moving, and displaying of the characters into the border section of the screen as the user selects the characters using a graphical wheel to form textual words, such as “dive” which represent a meaningful body of information (col. 3, line 36-67, fig.3, 6). Durrani fails to explicitly disclose: *repetitively moving the same input sequence of alphanumeric characters into the information transfer location*. However, Wordperfect teaches the editing of a textual document by copying, and inserting additional text

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into the document during their respective input time (pages 1-3). As shown in pages 3, and 1 the insertion of a text, such as: "THE PICTURE REMINDS ME OF ONE OF MY FAVORITE CHILDHOOD BOOKS", before the first text: "THE CAT IN THE HAT", causes the first text to repetitively move, and wrap around in the input area of document—*transfer location*-- as the newly inserted text is entered. Characters are repeated at least twice, such as the instance of character "T" in the sentence "THE CAT IN THE HAT", which is repeated in the inserted sentence: "THE PICTURE REMINDS ME OF ONE OF MY FAVORITE CHILDHOOD BOOKS". It would have been obvious to a person of ordinary skill in the art at the time of the invention to combine the teachings of Durrani, and Wordperfect, because Wordperfect teaches above the editing of text in a computer. This would provide the benefit of inserting text into a document to reflect a correct description of text input by a user.

Regarding claim 7, which depends on claim 6, Durrani discloses the entering a sequence of textual characters—*alphanumeric characters*-- on a graphical screen area using a text wheel located next to the input area—*arcuate path toward information transfer location*(col. 1, line 52-col2, line 52, fig.4).

Regarding claim 8, which depends on claim 6, Durrani discloses the entering a sequence of textual characters using the text wheel. The selected character is highlighted and then entered into the input area. This process is controlled by the user, depending on how fast the user is selecting the characters—*dwell time adjusted by the operator* (col. 3, line 36-67, fig.1-4).

Regarding claim 9, which depends on claim 6, Durrani discloses the finding, and entering by a user of a sequence of textual characters using the text wheel. The text wheel, which contains many characters, is rotated, along with the many characters, to arrive at a desired character (col. 3, line 36-67, fig.1-4).

Regarding claim 10, which depends on claim 6, Durrani discloses the selection, and moving, and displaying of the characters into the border section of the screen as the user selects the characters using a graphical wheel to form textual words, such as “dive” which represent a meaningful body of information (col. 3, line 36-67, fig.3, 6). Durrani fails to explicitly disclose: *during repetitive movement of the input of alphanumeric characters...they are maintained in their originally arranged sequence.* However, Wordperfect teaches the editing of a textual document by copying, and inserting additional text into the document during their respective input time (pages 1-3). As shown in pages. 3, 1 the insertion of a text, such as: “THE PICTURE REMINDS ME OF ONE OF MY FAVORITE CHILDHOOD BOOKS”, before the first text: “THE CAT IN THE HAT”, causes the first text to be maintained, and repetitively moved, and wrapped around in the input area of document—*transfer location*-- as the newly inserted text is entered. It would have been obvious to a person of ordinary skill in the art at the time of the invention to combine the teachings of Durrani, and Wordperfect, because Wordperfect teaches above the editing of text in a computer. This would provide the benefit of inserting text into a document to reflect a correct description of text input by a user.

Claims 11-16 are directed towards a method similar to the method found in claims 8-10, 9-10, and 10 respectively, and therefore are similarly rejected.

*Response to Arguments*

8. Applicant's arguments with respect to claims 6-16 have been considered but are moot in view of the new ground(s) of rejection.

Regarding claim 6, the Applicant submits that Wall does not teach the newly added limitations found in claim 6, because this method is more user friendly than that taught by Wall (page 5, lines 1-10). The Applicant is referred towards the rejection of the newly added claim above in view of the amendment.

Moreover, the Applicant submits that neither of the references of record show each character being visually displayed at the transfer location during a select dwell time (page 5, lines 11-18). The Applicant is referred towards the rejection of the newly added claim above in view of the amendment.

Moreover, the Applicant submits that neither of the references of record show the combination of a specific transfer location, and a dwell time during which each character is displayed at the transfer location (page 6, lines 6-10). The Applicant is referred towards the rejection of the newly added claim above in view of the amendment.

Moreover, the Applicant states that neither of the references of record show the processing of characters, such as the repetition of the same characters more than once (page 6, lines 11-20). The Applicant is directed towards the rejection of the newly added claim above in view of the amendment.

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Moreover, the Applicant submits that Wall does not in any way suggest the combination with Meissen (page 7, lines 12-18). The Applicant is referred towards the rejection of the newly added claim above in view of the amendment.

### *Conclusion*

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

I. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Robson (Pat. # 5,889,893), Moon (Pat. # 5,812,117), and Rosin et al. (Pat. # 6,028,600).

II. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cesar B. Paula whose telephone number is (703) 306-5543. The



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examiner can normally be reached on Monday through Friday from 8:00 a.m. to 4:00 p.m. (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon, can be reached on (703) 308-5186. However, in such a case, please allow at least one business day.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Any response to this Action should be mailed to:

Director United States Patent and Trademark Office

Washington, D.C. 20231

Or faxed to:

- (703) 746-7238, (for **After Final** communications intended for entry)
- (703) 746-7239, (for **Formal** communications intended for entry, **except formal After Final communications**)

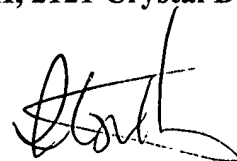
Or:

- (703) 746-7240, (for **Informal or Draft** communications for discussion only, please label **"PROPOSED"** or **"DRAFT"** ).

**Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).**

**CBP**

9/5/03



**STEPHEN S. HONG  
PRIMARY EXAMINER**